

Amendments to the Specification

Please replace paragraph [[006]] with the following amended paragraph:

[006] Figs. 3A and 3B are circuit diagrams of a motor control used in the head-end controller;

Please replace paragraph [[0014]] with the following amended paragraph:

[0014] Logic unit 104 is illustrated in schematic form in ~~Fig. 3~~ Figs. 3A and 3B. AC mains voltage is applied between input terminals 121 and 122 of logic unit 104 and voltages derived from the AC mains voltage are used to control the direction and speed of barrier motion and to illuminate light 81. The AC mains voltage used herein is the common 60 HZ 120V AC of Public Distribution departments . As such, it is basically a sine wave having 60 cycles per second, each cycle being comprised of two half cycles of alternating polarity. Incoming AC voltage is applied via a step down transformer 124 to rectifying and filtering circuitry 126 to produce a DC voltage for powering various circuitry of the control 70. Additionally, a portion of the stepped down voltage wave form is sent via a transistor 128 and output port 127 to microcontroller 84. The wave form at port 127 is used by microcontroller 84 to produce gating signals in synchronism with the AC mains voltage. Although the present description relates to 60 HZ 120V AC the principles taught can easily be applied to other frequencies e.g., 50 HZ and other voltages e.g., 240.